

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

George A. Pecoraro et al.

Appl. No.:

09/780,887

Filed:

February 9, 2001

Title:

METHODS OF ADJUSTING GLASS MELTING AND FORMING TEMPERATURES WITHOUT SUBSTANTIALLY CHANGING BENDING AND ANNEALING TEMPERATURES

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AND GLASS ARTICLES PRODUCED THEREBY

Group Art Unit:

1755

Examiner:

E. A. Bolden

Conf. No.

9023

Docket No.:

1657A1

## TERMINAL DISCLAIMER FOR ANY PATENT ISSUING ON U.S. PATENT APPLICATION SERIAL NUMBER 09/974,124 AND ON ANY APPLICATION CLAIMING THE BENEFIT OF SUCH APPLICATION

Assistant Commissioner for Patents Washington, DC 20231

Sir:

Your petitioner, PPG INDUSTRIES OHIO, INC., a corporation of the State of Delaware, having a place of business at Cleveland, in the County of Cuyahoga, and State of Ohio, represents as follows:

That it is the Assignee of the entire right, title and interest in and to the captioned United States Application Serial No. 09/780,887, filed February 9, 2001, for "METHODS OF ADJUSTING GLASS MELTING AND FORMING TEMPERATURES WITHOUT SUBSTANTIALLY CHANGING BENDING AND ANNEALING TEMPERATURES AND GLASS ARTICLES PRODUCED THEREBY";

That the assignment conveying to PPG Industries Ohio, Inc., the entire right, title and interest in said Application Serial No. 09/780,887, filed February 9, 2001, was recorded in the United States Patent and Trademark Office on April 2, 2001, at Reel 011688, Frame 0996, and has 4 pages;

That it is the Assignee of the entire right, title and interest in and to United States Application Serial No. 09/974,124, filed October 8, 2001, for "METHODS OF ADJUSTING TEMPERATURE CHARACTERISTICS AND GLASS ARTICLES PRODUCED THEREBY";

That the assignment conveying to PPG Industries Ohio, Inc., the entire right, title and interest in said Application Serial No. 09/974,124, filed October 8, 2001, was recorded in the United States Patent and Trademark Office on January 16, 2002, at Reel 012529, Frame 0233, and has 4 pages;

That your petitioner, PPG INDUSTRIES OHIO, INC., hereby disclaims and dedicates to the public the terminal part of any patent granted on the captioned patent application Serial No. 09/780,887, filed February 9, 2001 which would extend beyond the date of 20 years from the first filing date of the of Application Serial No. 09/974,124, filed October 8, 2001, for "METHODS OF ADJUSTING TEMPERATURE CHARACTERISTICS AND GLASS ARTICLES PRODUCED THEREBY";

That your petitioner, PPG INDUSTRIES OHIO, INC., hereby disclaims and dedicates to the public the terminal part of any patent granted on any application that claims the benefit of the filing date of the captioned patent application under 35 U.S.C. 120, 121, or 365(c), which would extend beyond the date of 20 years from the first filing date of the of Application Serial No. 09/974,124, filed October 8, 2001, for "METHODS OF ADJUSTING TEMPERATURE CHARACTERISTICS AND GLASS ARTICLES PRODUCED THEREBY":

That your petitioner does not disclaim any terminal part of any patent granted on the captioned patent application and any application that claims the benefit of the filing date of the captioned patent application under 35 U.S.C. 120, 121, or 365(c), prior to the date of the full statutory term for any patent that issues for Application Serial No. 09/974,124, filed October 8, 2001, for "METHODS OF ADJUSTING TEMPERATURE CHARACTERISTICS AND GLASS ARTICLES PRODUCED THEREBY" in the event that hereafter any such said U.S. Patent expires for failure to pay a maintenance fee, is held unenforceable, is found invalid, has all claims canceled by a reexamination certificate, is reissued, or is otherwise terminated prior to expiration of its full statutory term;

That your petitioner, PPG INDUSTRIES OHIO, INC., hereby agrees that this agreement is to run with any patent granted on the

captioned patent application Serial No. 09/780,887, filed February 9, 2001, for "METHODS OF ADJUSTING GLASS MELTING AND FORMING TEMPERATURES WITHOUT SUBSTANTIALLY CHANGING BENDING AND ANNEALING TEMPERATURES AND GLASS ARTICLES PRODUCED THEREBY", and to be binding upon any grantee, its successors, and assigns.

WHEREFORE, your petitioner, PPG INDUSTRIES OHIO, INC., prays that this TERMINAL DISCLAIMER be made of record in the file of this Application Serial No. 09/780,887, filed February 9, 2001, for "METHODS OF ADJUSTING GLASS MELTING AND FORMING TEMPERATURES WITHOUT SUBSTANTIALLY CHANGING BENDING AND ANNEALING TEMPERATURES AND GLASS ARTICLES PRODUCED THEREBY" and further that this TERMINAL DISCLAIMER be given due effect under 37 CFR 1.321.

Respectfully submitted,

KENNETH J. STACHEL, ESQ. Registration No. 27,722 Attorney for Applicant

(412) 434-3186

Pittsburgh, Pennsylvania March 13, 2003



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Chief Information Officer Washington, DC 29231 www.uspto.gov

MARCH 29, 2002

PPG INDUSTRIES, INC. KENNETH J. STACHEL INTELLECTUAL PROPERTY DEPT. ONE PPG PLACE PITTSBURGH, PA 15272



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/16/2002

REEL/FRAME: 012529/0233

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

PECORARO, GEORGE A.

DOC DATE: 11/05/2001

ASSIGNOR:

RATLIFF, JERRY C.

DOC DATE: 11/05/2001

ASSIGNOR:

MARKOVIC, RICHARD

DOC DATE: 11/05/2001

ASSIGNEE:

PPG INDUSTRIES OHIC, INC. 3800 WEST 143RD STREET CLEVELAND, PENNSYLVANIA 44111

SERIAL NUMBER: 09974124

FILING DATE: 10/08/2001

PATENT NUMBER:

ISSUE DATE:

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MARY BENTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

## **ASSIGNMENT**

IN CONSIDERATION of good and valuable considerations received from PPG INDUSTRIES OHIO, INC., a corporation of Delaware, having a place of business at Cleveland, Ohio, and intending to be legally bound hereby, we, George A. Pecoraro of Lower Burrell, County of Westmoreland and Commonwealth of Pennsylvania; Jerry C. Ratliff of Arnold, County of Westmoreland and Commonwealth of Pennsylvania; and Richard Markovic of Lower Burrell, County of Westmoreland and Commonwealth of Pennsylvania do hereby sell, assign and set over unto PPG INDUSTRIES OHIO, INC., the entire right, title and interest in and to our invention of improvements in

## METHODS OF ADJUSTING TEMPERATURES OF GLASS CHARACTERISTICS AND GLASS ARTICLES PRODUCED THEREBY

AND WE HEREBY AUTHORIZE PPG INDUSTRIES OHIO, INC., to make application for and to receive Letters Patent for said invention in any or all foreign countries in its own name, or in any name, at its election.

AND WE HEREBY COVENANT AND AGREE that we will execute or procure any further necessary assurance of the title to said invention and Letters Patent; and that we will at any time, upon the request and at the expense of PPG INDUSTRIES OHIO, INC., execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patent which may

be granted therefor, in PPG INDUSTRIES OHIO, INC., its successors, assigns, or other legal representatives, and that we will, at any time, upon the request and at the expense of PPG INDUSTRIES OHIO, INC., testify in any legal proceeding, sign all lawful papers, execute any additional, divisional, continuing or reissue applications for patents for said invention, or any part or parts thereof, make all rightful oaths and generally do all lawful acts to aid PPG INDUSTRIES OHIO, INC., its successors, assigns, or other legal representatives to obtain and enforce patent protection on said invention in all countries, without further compensation, but at the expense of PPG INDUSTRIES OHIO, INC., its successors, assigns, or other legal representatives.

AND WE HEREBY AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for said invention, or resulting from said application, or from any division, reissue, or extension thereof, to PPG INDUSTRIES OHIO, INC., as sole assignee.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals.

George A. Pecoraro

COMMONWEALTH OF PENNSYLVANIA)

SS

County of Allegheny

On this 5<sup>th</sup> day of November, 2001, appeared before me in person the above George A. Pecoraro and acknowledged the above to be his signature, and that he signed, sealed and delivered the above instrument as his voluntary act and deed and for the purposes herein set forth.

Notary Public

Notarial Seal Kenneth V. Shoop, Notary Public Harmar Twp., Allegheny County My Commission Expires Feb. 16, 2002

Member, Pennsylvania Association of Notaries

JERRY C. RATLIFF
COMMONWEALTH OF PENNSYLVANIA)  ) SS
County of Allegheny )
on this 5+4 day of November, 2001,
appeared before me in person the above Jerry C. Ratliff and
acknowledged the above to be his signature, and that he signed,
sealed and delivered the above instrument as his voluntary act and
deed and for the purposes herein set forth.
Land Boop
Notary Public
Notarial Seal Kenneth V. Shoop, Notary Public Harmar Twp., Allegheny County My Commission Expires Feb. 16, 2002 Member, Pennsylvania Association of Notaries
Richard Markovic
COMMONWEALTH OF PENNSYLVANIA)
) SS County of Allegheny )
on this 5th day of November, 2001,
appeared before me in person the above Richard Markovic and
acknowledged the above to be his signature, and that he signed,
sealed and delivered the above instrument as his voluntary act and
deed and for the purposes herein set forth.
Kungla Davos

Notary Public

Notarial Seal
Kenneth V. Shoop, Notary Public
Harmar Twp., Allegheny County
Wy Commission Expires Feb. 16, 2002
Member, Pennsylvania Association of Notaries